

DATA STRUCTURE FOR FAST CASE-SENSITIVE AND INSENSITIVE SEARCH

ABSTRACT OF THE DISCLOSURE

A system and method to facilitate fast and efficient implementation of case-sensitive and insensitive search using a search engine on a dictionary and using one or more search terms. The dictionary comprises an ordered list of terms. In one implementation a dictionary sorting function is set to sort the ordered list of terms based on case sensitivity. According to the dictionary sorting function, it is determined whether a term corresponding to a search term is in an upper or lower half of the ordered list. Then an upper or lower half of the ordered list that includes the search term is selected.

10381463.doc